

ABSTRACT

A system and method generate a read only memory (ROM) image for a ROM. The ROM image generator operates with a data image builder. The ROM image generator processes an input file to identify data images for a build. The image identifier generates tokens for building each data image. A data image builder uses the tokens as an input to build each data image. A ROM image builder builds the ROM image using each data image build and generates a data image build validating signature for each data image build, such as a checksum. Once each data image build and associated validating signature is written to the ROM image, the ROM image is completed with a checksum of the entire ROM image.

10